

DRAFT DATA – SWAMP Labor Day 2008 Bacteria Monitoring

Description of Sample Site: Pit River at Big Bend
 SWAMP Site ID: 506SHA950
 Watershed: Pit River Watershed
 County: Shasta
 Longitude: -121.910320
 Latitude: 41.020710

| Constituent | Water Quality Guideline | Wednesday August 27, 2008 | Sunday August 31, 2008 | Wednesday September 3, 2008 |
|---|--|---------------------------------|------------------------------|-----------------------------------|
| E. coli (MPN/100 mL) | <235 MPN/100mL (EPA Contact Recreation Guideline) | 18.7 | 10.9 | 6.2 |
| Electrical Conductivity (umhos/cm) | ≤900 umhos/cm (Secondary Maximum Contaminant Level) | 149.0 | n/a | 142.3 |
| pH | 6.5-8.5 (Basin Plan Objective) | 7.3 | n/a | 8.3 |
| Temperature (° Celcius) | ≤21.1 °C (Basin Plan, Water Quality Objective for upper Sacramento River) | 21.1 | n/a | 17.4 |

•NOTES:

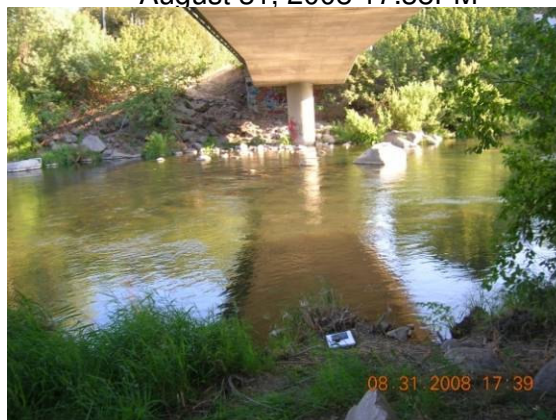
SWAMP Labor Day Recreation Study -Before, During and After Labor Day 2008

Pit River at Big Bend (506SHA950)

August 27, 2008 16:48PM



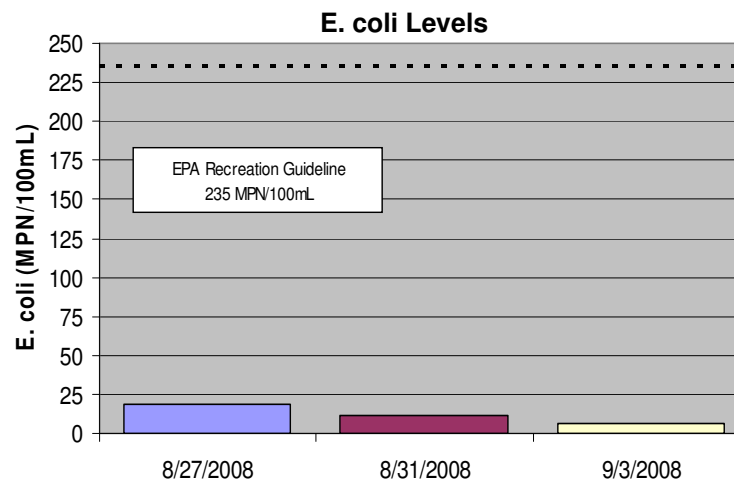
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September 3, 2008 15:03PM

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The Central Valley Regional Water Quality Control Board (CVRWQCB) conducted a region-wide Recreation Beneficial Use study, using *E. coli* as an indicator, with a guideline of 235 MPN/100mL. Funding for this study was made possible through the Surface Water Ambient Monitoring Program (SWAMP). Assistance with field collection was provided by a number of local watershed groups.



Summary sheets for all sites included in this study can be found at:

http://www.waterboards.ca.gov/centralvalley/water_issues/water_quality_studies/surface_water_ambient_monitoring/index.shtml

